

CLAIMS:

1. A band-pass extension device comprising an input for receiving an input signal, a first signal path and a second signal path whereby the first signal path comprises a filter means for filtering the input signal, creating means for creating an adapted signal with a lower frequency part than the input signal, combining means for combining the adapted
5 signal of the first signal path with the input signal of the second signal path whereby the second signal path comprises between the input and the combining means delay means.

2. A bandwidth extension device as claimed in claim 1, characterized in that the delay means comprise filter means.

3. A bandwidth extension device as claimed in claim 1, characterized in that the delay of the delay means is controllable.

4. An audio reproduction system comprising a bandwidth extension device as
15 claimed in claim 1.